Project-based Course Overview

Welcome!

Welcome to **Create your first Amazon Aurora Database in AWS**. This is a project-based course which should take approximately 2 hours to finish. Before diving into the project, please take a look at the course objectives and structure:

Course Objectives

In this course, we are going to focus on **three** learning objectives:

1. Create VPC and Setup Networking using Internet gateway and Route table

2. Create Amazon Aurora Database cluster

3. Connect to Aurora Database via EC2 Bastion using MySQL Workbench

By the end of this course, you will be able to create your first Amazon Aurora database in AWS and able to connect to database via Ec2 Bastion using MySQL Workbench. You will also create VPC and setup networking using Internet gateway and Route Table.

Course Structure

This course is divided into 3 parts:

1. Course Overview: This introductory reading material.

2. **Create your first Amazon Aurora Database in AWS:** This is the hands on project that we will work on in Rhyme.

3. Graded Quiz: This is the final assignment that you need to pass in order to finish the course successfully.

Project Structure

The hands on project on **Create your first Amazon Aurora Database in AWS** is divided into following tasks:

Task 1:

By the end of this task, you will get basic understanding of overall project and you will also create VPC in AWS

- Understand AWS Basics

- Understand overall project

- Create VPC in AWS

- Create Internet Gateway and attach it to VPC

Task 2:

By the end of this task, you will create Public and Private Subnets and Setup networking using Route Tables

- Create Public and Private Subnet

- Create and configure Public and Private Route Table

Task 3:

By the end of this task, you will create EC2 instance in Public Subnet

- Create EC2 instance in Public Subnet

- Create Security Group for Aurora Database

Task 4:

By the end of this task, you will create Amazon Aurora Database

- Create Amazon Aurora Database using AWS console

- Create Subnet Group

Task 5:

By the end of this task, you will connect to Amazon Aurora Database using MySQL Workbench

Connect to Amazon Aurora Database using MySQL Workbench